

Title (en)

FIBERBALL PADDING WITH DIFFERENT FIBERBALL SHAPE FOR HIGHER INSULATION

Title (de)

FASERBÄLLCHENPOLSTERUNG MIT UNTERSCHIEDLICHER FASERBÄLLCHENFORM FÜR HÖHERE ISOLIERUNG

Title (fr)

REMBOURRAGE EN BOULES DE FIBRES AVEC DIFFÉRENTES FORMES DE BOULES DE FIBRES POUR ASSURER UNE MEILLEURE ISOLATION

Publication

EP 4124684 B1 20240403 (EN)

Application

EP 22185007 A 20220714

Priority

EP 21187589 A 20210726

Abstract (en)

[origin: EP4124684A1] The present invention relates to fiberballs having a core region and a shell region with a special structure, to a process for the production of such fiberballs, a nonwoven fabric, a thermally insulating wadding and a textile article comprising such fiberballs and to the use of the fiberballs for the production of textile articles and for thermal and/or acoustic insulation.

IPC 8 full level

D04H 1/02 (2006.01); **D01G 15/46** (2006.01); **D04H 1/542** (2012.01); **D04H 1/70** (2012.01)

CPC (source: EP KR US)

B68G 7/00 (2013.01 - KR); **D01G 15/18** (2013.01 - KR); **D01G 15/22** (2013.01 - KR); **D01G 15/46** (2013.01 - EP); **D04H 1/02** (2013.01 - EP KR); **D04H 1/435** (2013.01 - US); **D04H 1/54** (2013.01 - US); **D04H 1/5412** (2020.05 - KR); **D04H 1/542** (2013.01 - EP); **D04H 1/55** (2013.01 - KR); **D04H 1/70** (2013.01 - EP); **D04H 1/732** (2013.01 - KR); **D04H 1/43835** (2020.05 - US)

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

EP 4124684 A1 20230201; **EP 4124684 B1 20240403**; CN 115679482 A 20230203; JP 2023027005 A 20230301; KR 20230016601 A 20230202; TW 202323617 A 20230616; TW 1827160 B 20231221; US 2023040449 A1 20230209

DOCDB simple family (application)

EP 22185007 A 20220714; CN 202210878248 A 20220725; JP 2022117770 A 20220725; KR 20220089489 A 20220720; TW 111127904 A 20220726; US 202217872016 A 20220725